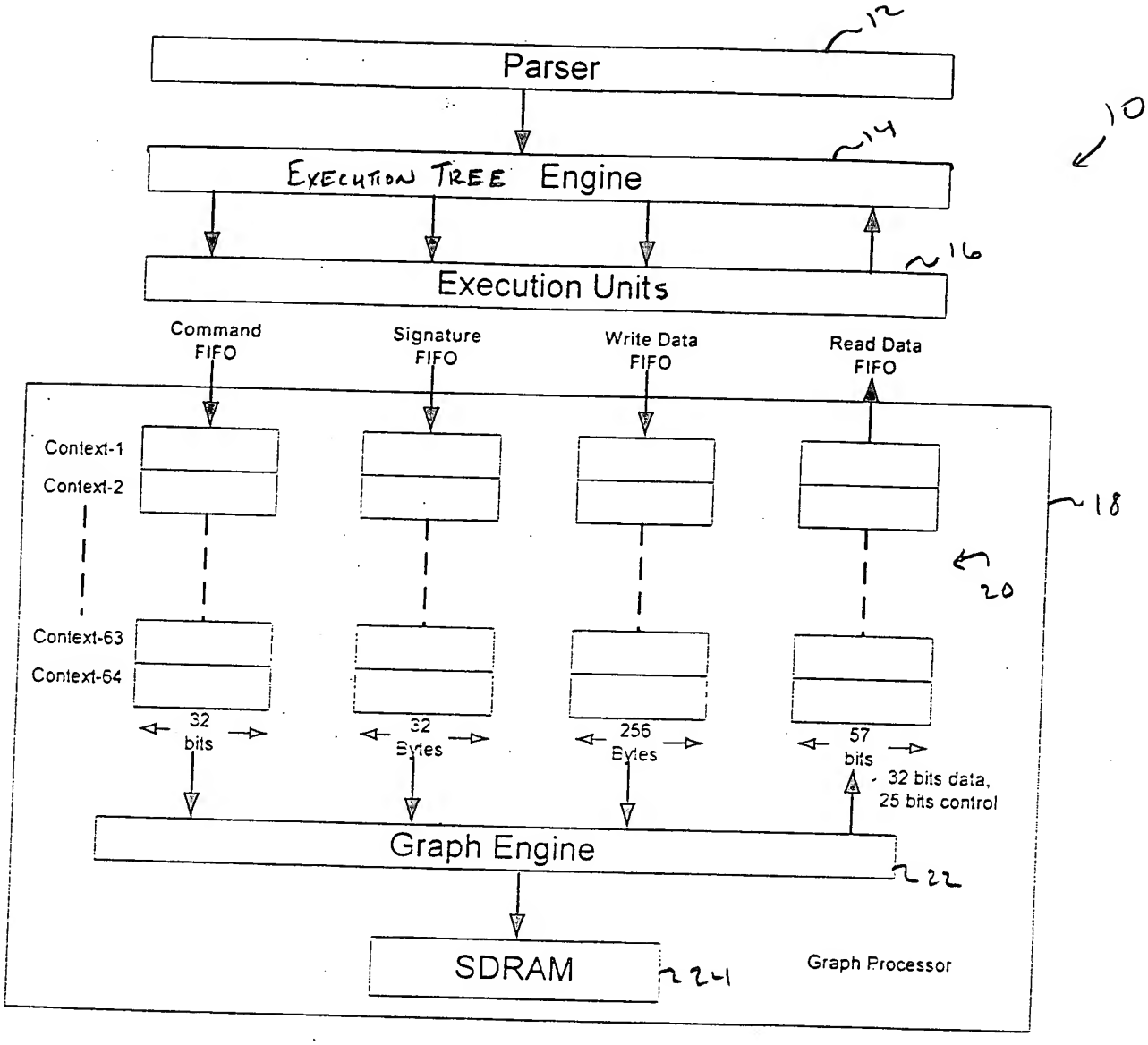
Parser
12
10
Execution Tree Engine
14
Execution Units
16
Command FIFO
Signature FIFO
Write Data FIFO
Read Data FIFO
Context-1
Context-2
Context-63
Context-64
18
20
32 bits
32 Bytes
256 Bytes
57 bits
32 bits data, 25 bits control
Graph Engine
22
SDRAM
24
Graph Processor

Fig. 1

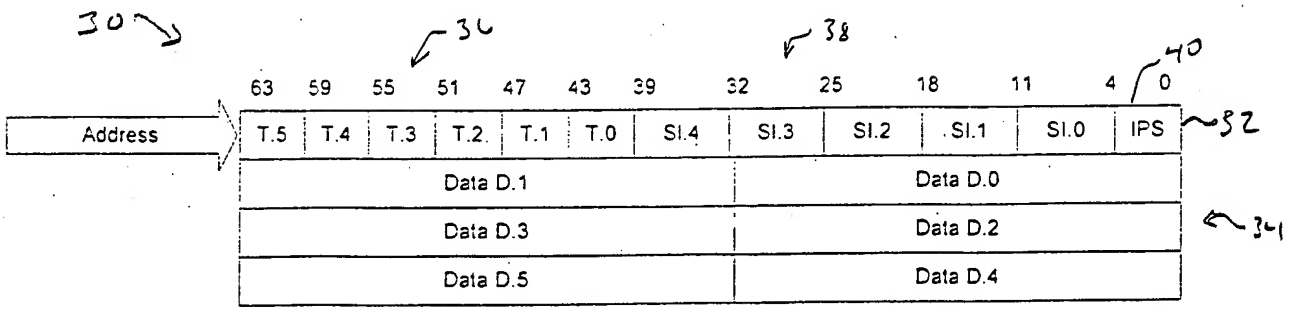
30
36
38
40
63 59 55 51 47 43 39 32 25 18 11 4 0
Address
T.5 T.4 T.3 T.2 T.1 T.0 SI.4 SI.3 SI.2 SI.1 SI.0 IPS
32
Data D.1
Data D.0
Data D.3
Data D.2
Data D.5
Data D.4
34

Fig. 2

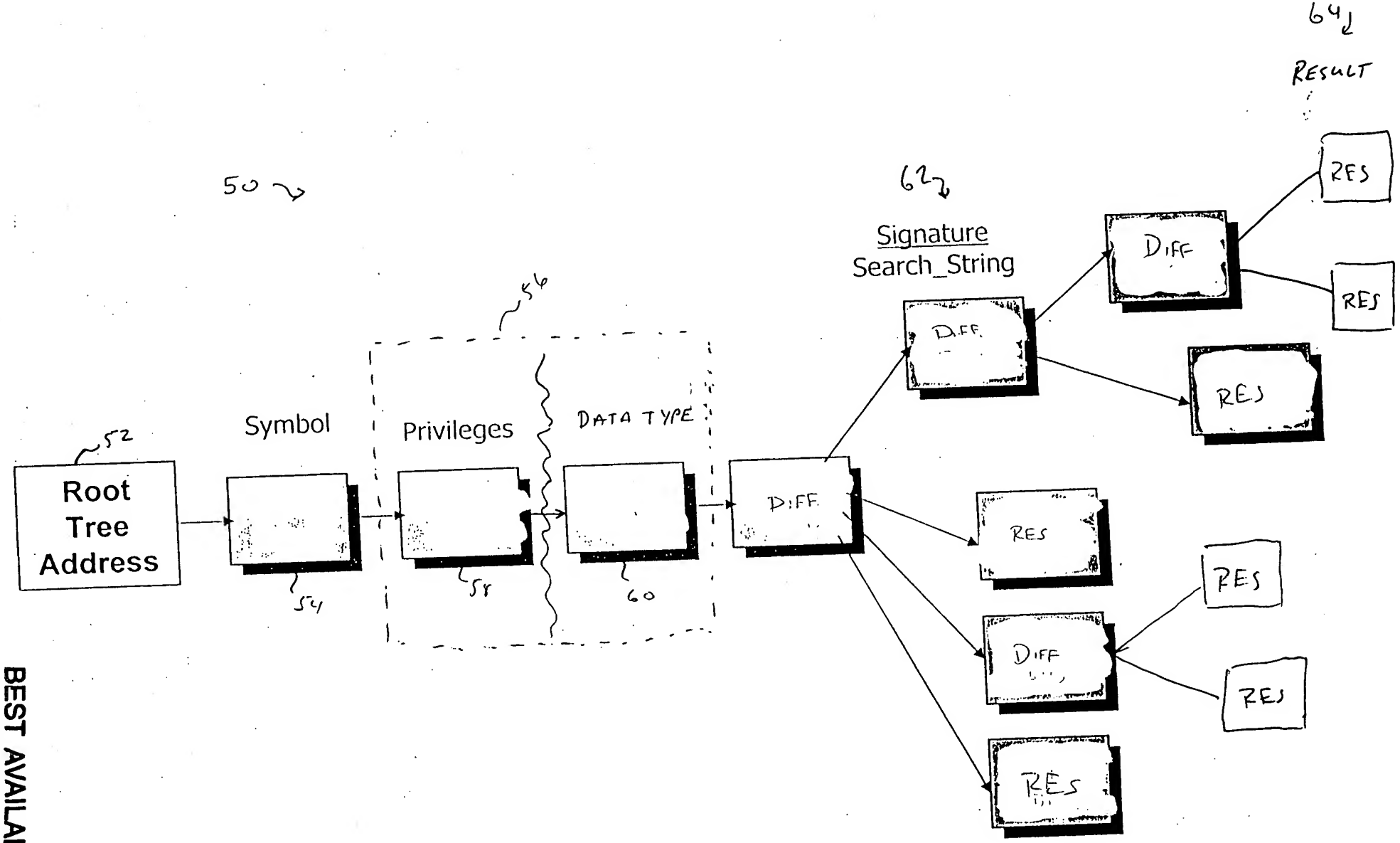

FIG. 3

BEST AVAILABLE COPY

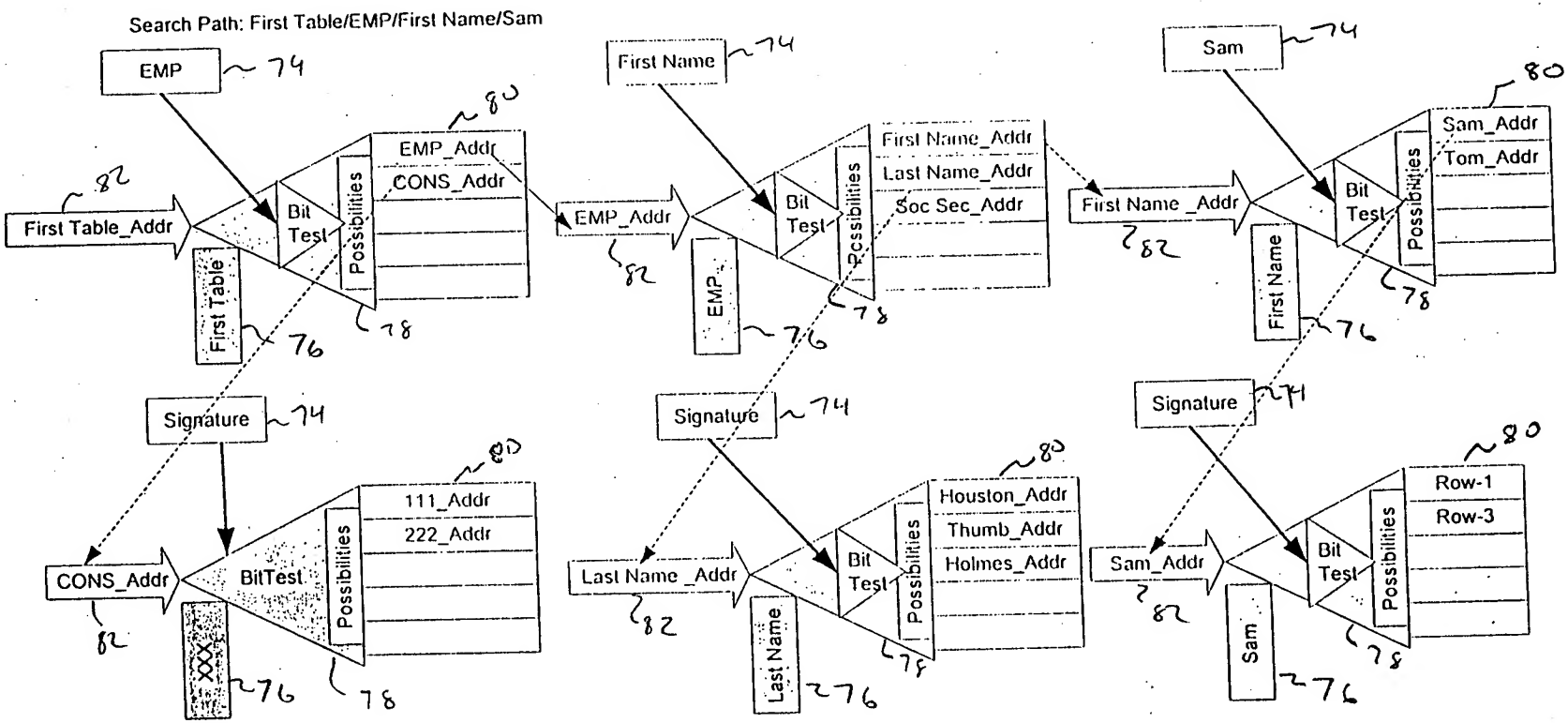

Table = First_Table

1	2	3
First Name	Last Name	Soc Sec
Sam	Houston	55-33
Tom	Thumb	66-72
Sam	Holmes	23-48

72

EMP | CONS

FIG. 4

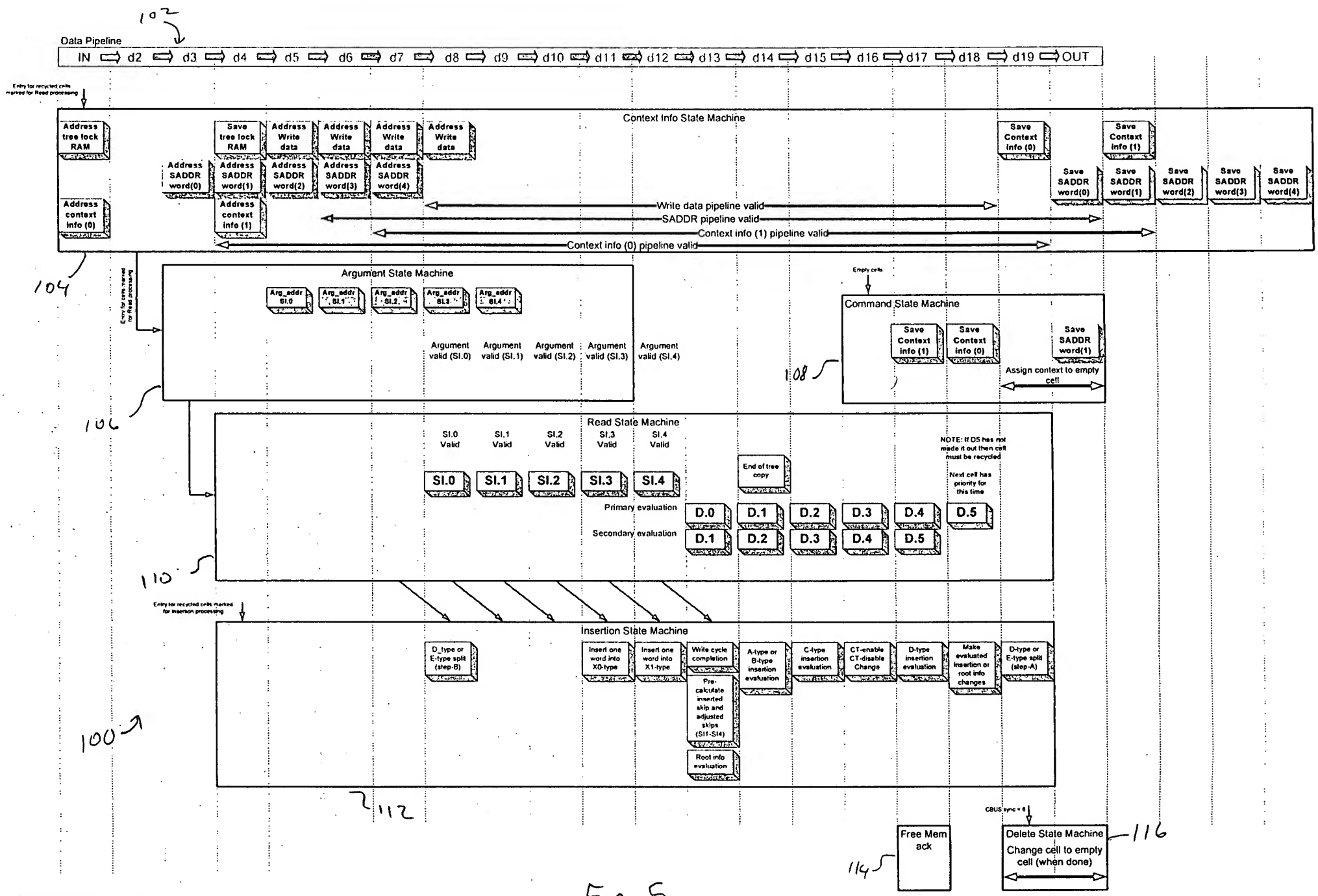

Fig. 5

Blocks show assignments or evaluations

Graph Engine Timing